Amendments to the Specification:

Please amend the specification as follows:

Please replace paragraph on page 9, lines 4-12, with the following rewritten paragraph:

Each 32-bit data item is then delivered at the output 4 of the microprocessor 1 in the form of an ordered string of 4 bytes (8 bits), The ordered string of four (n) bytes (k = 8) representing an integer E in a 32-bit SPARC microprocessor is called the internal code $\sout{M1_{k,n}(E)}$ $\underline{M_{1,k,n}(E)}$. With such a SPARC microprocessor, the internal coding of a 32-bit integer is the string of coefficients of its decomposition in base $\{2_k\}$, ordered according to descending powers.

Please replace paragraph on page 11, lines 3-11, with the following rewritten paragraph:

What has just been stated in respect of the first computer M1 applies equally to the second computer M2. Only the internal coding $M_{2,k,n}$, as well as possibly the external coding $D_{2,k,n}$, are different. Here, the expression different should be understood to mean either arrangements (or strings) whose elements (or words) are ordered differently, or arrangements which do not exhibit the same number of elements (k1 and k2 different and/or n1 and n2 different <u>where k1 and k2 are k values for the first and second computers respectively, and n1 and n2 are values for the first and second computers, respectively</u>).

Please replace paragraph on page 11, lines 12-17, with the following rewritten paragraph:

Generally, especially in a client/server type environment, the items of equipment are substantially homogeneous, so that the external codings which they use are identical. In this case, we have the following relation:

$$\sout{\Phi_{2,k,n}(m_{2,k,n}(E)) = D_{k,n}(E) = \Phi_{1,k,n}(M_{1,k,n}(E))} \quad \underline{\Phi_{2,k,n}(M_{2,k,n}(E)) = D_{k,n}(E) = \Phi_{1,k,n}(M_{1,k,n}(E))}$$

Please replace paragraph on page 25, lines 15-22, with the following rewritten paragraph:

The microprocessor 1' of M2 sends back to the conversion module 5', which henceforth codes in the exchange format Dk,n imposed by default, a primary elementary data item coded according to its fourth arrangement (or second ~~external~~ <u>internal</u> coding) $M_{2,k',n'}$. This data item is converted (encoded) according to the external coding $D_{k',n'}$, and addressed to M1 on the communication channel.